





THOMAS WELFLEY

ENGINEERING MANAGER

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I build amazing **engineering organizations** and **software**. From **Python** and **JS** microservices to **SPAs** and **React Native** mobile apps, I have extensive experience shipping software across all parts of the stack. Further, I can define and implement the **hiring and management strategies** required to **scale**. From inception to production, either as part of a team or independently, I make software happen. Just say the word and **let's start building**.



09.2016
Present

HipHipGo

Founder

Designed and built a product that forecasts user weight change based on activity levels and spending patterns. Shipped React Native **mobile apps** for **iOS** and **Android** that alert users when they visit places correlated with negative health outcomes. Built systems to geolocate credit card transactions based on profile and mobile device location cues. Built systems to health score businesses based on aggregate visitor data.

10.2011
09.2016

Yola, Inc.

VP of Engineering

Reorganized a **global engineering team** supporting over 13 million users; enabled onboarding 40 additional engineers. Transitioned company from hiring full stack engineers to specialists; established team-directed interview processes. Designed and executed transition from monolithic to **microservice architecture**, from 13 deployed frontends and services to 62. Executed **microfrontend** strategy for shipping UIs with independent stacks. Architected and led the execution of new partner **APIs** securing a strategic partnership with Plesk and additional venture capital.

Director of Engineering

Decreased time to first release for new engineers from 3 months to 1 day. Executed transition from a copy-paste standard library to over 100 well tested, **single purpose installables**. Organized and led a project to make 9 million customer websites **responsive** by default. Rebuilt UIs and purchase flows to support 8 currencies and 18 languages, securing strategic, multinational partnerships with Google. Designed and secured the adoption of an organization-wide **code review** process, ensuring the quality of 6,000 pull requests per year.

09.2009
10.2011

Match Strike LLC

Cofounder, CTO

Designed and implemented new products; scaled **real-time web apps** for educators to 10,000 online courses. Secured opportunity to pitch product to a prominent seed capital firm. Worked extensively with Facebook and Twitter APIs; shipped first open source Twitter Streams API client for **Python**. Shipped software for clients with hundreds of thousands of users.



08.2002
12.2006

Bachelor of Science in Computer Science

University of Central Florida

Founding member of UCF Student IT
Advisory Council

3x AASCU presenter for leadership of
colleges and universities